

gfw

Effective on 12/08/04 <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> RECEIVED SEP 08 2005 INTELLECTUAL PROPERTY OFFICE </div> </div> <h2 style="text-align: center; margin: 0;">FEE TRANSMITTAL SHEET (FY 2005)</h2>		<div style="text-align: center; border-bottom: 1px solid black; margin-bottom: 5px;">Complete if Known</div> <table style="width:100%; border-collapse: collapse;"> <tr><td style="width:30%;">Application No.</td><td>10/816,178</td></tr> <tr><td>Filing Date</td><td>March 31, 2004</td></tr> <tr><td>First Inventor</td><td>Gary Johnson</td></tr> <tr><td>Group Art Unit</td><td>2816</td></tr> <tr><td>Examiner Name</td><td>Hai L. Nguyen</td></tr> <tr><td>Atty. Docket Number</td><td>34020/US</td></tr> </table>		Application No.	10/816,178	Filing Date	March 31, 2004	First Inventor	Gary Johnson	Group Art Unit	2816	Examiner Name	Hai L. Nguyen	Atty. Docket Number	34020/US																																																																																												
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<input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)																																																																																																											
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																									
<input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266 ; Deposit Account Name: DORSEY & WHITNEY LLP . <input type="checkbox"/> Check Enclosed.		<div style="text-align: center; border-bottom: 1px solid black; margin-bottom: 5px;">3. ADDITIONAL FEES</div> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Large Entity Fee</th> <th style="width:10%;">Small Entity Fee</th> <th style="width:60%;">Fee Description</th> <th style="width:20%;">Fee paid</th> </tr> </thead> <tbody> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td>\$</td></tr> <tr><td>180</td><td>180</td><td>Submission of IDS</td><td>\$</td></tr> <tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$</td></tr> <tr><td>120</td><td>60</td><td>Extension for reply within first month</td><td>\$</td></tr> <tr><td>450</td><td>225</td><td>Extension for reply within second month</td><td>\$</td></tr> <tr><td>1,020</td><td>510</td><td>Extension for reply within third month</td><td>\$</td></tr> <tr><td>1,590</td><td>795</td><td>Extension for reply within fourth month</td><td>\$</td></tr> <tr><td>2,160</td><td>1,080</td><td>Extension for reply within fifth month</td><td>\$</td></tr> <tr><td>790</td><td>395</td><td>Submission After Final 1.129</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Notice of Appeal</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr> <tr><td>1,000</td><td>500</td><td>Request for oral hearing</td><td>\$</td></tr> <tr><td>130</td><td>65</td><td>Terminal Disclaimer Fee</td><td>\$</td></tr> <tr><td>800</td><td>400</td><td>Design Issue Fee</td><td>\$</td></tr> <tr><td>790</td><td>395</td><td>Request for Continued Examination (RCE)</td><td>\$</td></tr> <tr><td>130</td><td></td><td>Request for voluntary publication or republication</td><td>\$</td></tr> <tr><td>500</td><td>250</td><td>Petition to Revive - unavoidable</td><td>\$</td></tr> <tr><td>1,500</td><td>750</td><td>Petition to Revive - unintentional</td><td>\$</td></tr> <tr><td>200</td><td></td><td>Filing for patent term adjustment</td><td>\$</td></tr> <tr><td>400</td><td></td><td>Request for reinstatement of term reduced</td><td>\$</td></tr> <tr><td>1,120</td><td></td><td>Extension of term of patent</td><td>\$</td></tr> <tr><td colspan="3">OTHER FEE (specify)</td><td>\$</td></tr> <tr><td colspan="3" style="text-align: right;">Subtotal (Additional Fees)</td><td>\$0</td></tr> <tr><td colspan="3" style="text-align: right;">Total Amount of Payment:</td><td>\$0</td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet	\$	130	65	Surcharge - Late nonprovisional filing fee or oath	\$	180	180	Submission of IDS	\$	40	40	Recording each patent assignment per property (times number of properties)	\$	120	60	Extension for reply within first month	\$	450	225	Extension for reply within second month	\$	1,020	510	Extension for reply within third month	\$	1,590	795	Extension for reply within fourth month	\$	2,160	1,080	Extension for reply within fifth month	\$	790	395	Submission After Final 1.129	\$	500	250	Notice of Appeal	\$	500	250	Filing a brief in support of an appeal	\$	1,000	500	Request for oral hearing	\$	130	65	Terminal Disclaimer Fee	\$	800	400	Design Issue Fee	\$	790	395	Request for Continued Examination (RCE)	\$	130		Request for voluntary publication or republication	\$	500	250	Petition to Revive - unavoidable	\$	1,500	750	Petition to Revive - unintentional	\$	200		Filing for patent term adjustment	\$	400		Request for reinstatement of term reduced	\$	1,120		Extension of term of patent	\$	OTHER FEE (specify)			\$	Subtotal (Additional Fees)			\$0	Total Amount of Payment:			\$0
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Submitted by:																																																																																																											
CUSTOMER NUMBER	DORSEY & WHITNEY LLP	1420 Fifth Avenue, Suite 3400 Seattle, WA 98101-4010 (206) 903-8800 phone / (206) 903-8820 fax																																																																																																									
Name: Edward W. Bulchis		Reg. No.: 26,847																																																																																																									
Signature:		Date: 9/6/05																																																																																																									



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 6, 2005

Date

Ayesha J. Shaikh

Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/816,178

Confirmation No. : 7900

Applicants : Gary Johnson and Wen Li

Filed : March 31, 2004

Attorney Docket No.: 34020/US

Art Unit : 2816

Customer No. : 27,076

Examiner : Hai L. Nguyen

Title : PHASE DETECTOR AND METHOD HAVING HYSTERESIS CHARACTERISTICS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

Applicants acknowledge receipt of the Office Action dated June 3, 2005. Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Amendments to the Drawings begin on page 21 of this paper and include both annotated sheets showing changes and replacement formal drawings, Figures 1-14.

Remarks begin on page 22 of this paper.